Attorney Docket No. 1267.1024

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Patent Applica | ation of: | r · | | | |
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| Peter Raymond BALL, et al. | | | | | |
| Application No.: | G | Group Art Unit: | | | |
| Filed: August 31, 2 | 2001 E | xaminer: | | | |
| For: OPTICAL N | ETWORKS | | | | |
| • | INFORMATION DISCLOSU | RE STATEMENT | | | |
| Assistant Commissioner for Patents Washington, D.C. 20231 | | | | | |
| Sir: | | | | | |
| In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application. | | | | | |
| 1. Enclosure 1a. ⊠ 1b. ⊠ 1c. ⊠ 1d. □ | An English language copy of sea application or a PCT Internationa English language translation (cor each non-English language public | rch report(s) from a counterpart foreign Il Search Report. Inplete or relevant portion(s)) attached to cation. If greences (ATTACHMENT 1(e), hereto) for | | | |
| 2. In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is | | | | | |
| 2a. ⊠ 2b. □ | enclosed "English-language vers indicates the degree of relevance 609, Minimum Requirements for | 2a, 2b, 2c and/or 2d) language publications were cited on the ion of the search report or action which found by the foreign office". (See MPEP an Information Disclosure Statement, Part evance, pp. 600-100 to 600-101, Rev. 1, | | | |
| ۷۷. 🗀 | sectoral in the application. | | | | |

| 2c. 🔲 | satisfied because an English language translation (complete or relevant |
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| | portion(s)) is attached to each non-English language publication. |
| 2d. 🗌 | enclosed as Attachment 1(e), hereto. |

3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: August 31, 2001

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Registration No. 22,010

09/914575 518 Recd PCT/PTO 3 1 AUG 2001

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTORNEY DOCKET NO.

1267.1024

FIRST NAMED INVENTOR

Peter Raymond BALL, et al.

FILING DATE

AUGUST 31, 2001

U.S. PATENT DOCUMENTS

| | U.S. I ATENT DOCUMENTO | | | | | | |
|----------------------|------------------------|-----------------|---------|---------------|-------|---------------|----------------|
| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
| | AA | 5,659,351 | 08/1997 | Huber | | | |
| | АВ | 5,745,269 | 04/1998 | Chawki et al. | | | |
| | AC | 5,815,295 | 09/1998 | Darcie et al. | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

FOREIGN PATENT DOCUMENTS

| T | DOCUMENT SUB- TRANS | | ATION | | | | |
|----|---------------------|---------|------------------------|-------|-------|-----|----|
| | NO. | DATE | COUNTRY | CLASS | CLASS | YES | NO |
| AG | 88/10037 | 12/1988 | PCT | | | X | |
| АН | 0 382 431 | 08/1990 | European Patent Office | | | Х | |
| Al | 0 520 494 | 12/1992 | European Patent Office | | | Х | |
| AJ | 2 291 299 | 01/1996 | United Kingdom | | | Х | |
| AK | 2 316 252 | 02/1998 | United Kingdom | | | Х | |
| AL | 2 329 291 | 03/1999 | United Kingdom | | | Х | |

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| AN | Koonen, Ton, et al., "TOBASCO: An Innovative Approach for Upgrading CATV Fiber-Coax Networks for Broadband Interactive Services", IEEE Communications Magazine, April 1997, pages 76-81. |
|----|---|
| AN | Iannone, P. P., et al. "Broadcast Digital Video Delivered Over WDM Passive Optical Networks", IEEE Photonics Technology Letters, Vol. 8, No. 7, July 1996. |
| AC | Handley, M.R., et al., "Comparison and Simulation of Wavelength Allocation Algorithms on Passive Optical Netwoks", IEE COLLOQUIM ON MULTIWAVELENGTH OPTICAL NETWORKS: DEVICES, SYSTEMS AND NETWORKS IMPLEMENTATIONS, June 1998. |

| EXAMINER | DATE CONSIDERED |
|----------|-----------------|
| | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

HL71570/004 — Docum nt list for IDS

- 1. Partial search report issued on priority UK application no. 9904894.4 in relation to claims 1–22.
- 2. Further search report issued on priority UK application no. 9904894.4 in relation to claims 23–26.
- GB-A-2329291 (cited in partial and further UK search reports).
- 4. GB-A-2316252 (cited in partial UK search report).
- 5. GB-A-2291299 (cited in partial UK search report).
- EP-A-0520494 (cited in partial UK search report).
- 7. WO-88/10037 (cited in partial UK search report).
- 8. US-5745269 (cited in partial UK search report).
- 9. International search report issued on International application no. PCT/GB00/00757 upon which this US application is based.
- 10. Paper entitled "TOBASCO: An innovative approach for upgrading CATV Fiber-Coax networks for broadband interactive services" by Koonen et al, "IEEE Communications Magazine, vol. 35, no. 4, pages 76–81 (cited in international search report).
- 11. Paper entitled "Broadcast digital video delivered over WDM passive optical networks" by lannone et al, IEEE Photonics Technology Letters, vol. 8, no. 7, pages 930–932 (cited in international search report).
- 12. Paper entitled "Comparison and simulation of wavelength allocation algorithms on passive optical networks" by Handley et al, IEE Colloqium on Multiwavelength Optical Networks, 18 June 1998 (cited in international search report).
- 13. US-5659351 (cited in international search report).
- 14. US-5815295 (cited in international search report).
- 15. EP-A-0382431 (cited in international search report).